



# Crops & Weather

National Agricultural Statistics Service  
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,  
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

Released November 18, 2013

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Dry conditions allowed Minnesota corn harvest to remain ahead of the normal pace during the week ending November 17, 2013 according to the USDA, National Agricultural Statistics Service. There were 5.6 days rated suitable for field work, the most in any week so far this month. Minnesota's average temperature was 0.9 degree above normal at 32.2 degrees. Northwest Minnesota had the coldest average temperature at 29.4 degrees. The average precipitation was below normal at 0.15 inch statewide. North central Minnesota had the most precipitation at 0.24 inch.

Topsoil moisture decreased slightly to 1 percent very short, 8 percent short, 83 percent adequate, and 8 percent surplus. Subsoil moisture rated 2 percent very short, 20 percent short, 76 percent adequate, and 2 percent surplus.

Corn for grain harvest advanced seven percentage points to 94 percent complete, remaining over a week ahead of normal. Minnesota's sunflower harvest advanced seven percentage points to 86 percent complete, but remained behind the normal pace of 89 percent.

## Soil Moisture Levels as of November 17, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	1	8	83	8
Subsoil Moisture	2	20	76	2

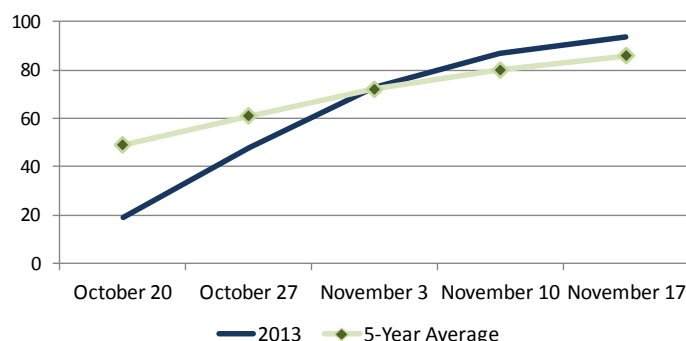
## Crop Progress as of November 17, 2013

	This Week	Last Week	Last Year	5 Yr Avg.
Days Suitable for Fieldwork	5.6	4.5	4.2	NA

	Percent	Percent	Percent	Percent
Corn harvested .....	94	87	100	86
Sunflowers, harvested.....	86	79	100	89

## Corn Percent Harvested



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

## Precipitation and Temperature Summary for 11/11/2013 through 11/17/2013

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 11/1
NORTHWEST DISTRICT								
Crookston	55	4	28.6	1.1	0.1	-0.11	-1.04	-0.5
Itasca	52	5	30.8	3.8	0.18	-0.13	-1.09	-0.49
Moorhead	61	7	31.9	2.3	0.13	-0.1	-0.9	-0.28
Pembina, ND	52	6	28.5	3.1	0.12	-0.11	-0.86	-0.33
Warroad	46	4	27.4	0.4	0.52	0.27	-0.55	-0.08
NORTH CENTRAL DISTRICT								
Grand Rapids	48	7	30.4	1.1	0.1	-0.28	-1.36	-0.65
Intl. Falls	46	8	29.4	3	0.38	0.05	-0.33	0.13
NORTH EAST DISTRICT								
Duluth	50	10	33	3.4	0.28	-0.23	-1.23	-0.58
Grand Marais	46	13	32.6	-0.5	0.11	-0.29	-0.76	0.15
Hibbing	46	8	30.2	3.4	0.18	-0.09	-0.68	-0.17
WEST CENTRAL DISTRICT								
Alexandria	54	7	32.8	2.6	M	M	-1.33m	-.72m
Breckenridge	54	7	29.8	0.6	0.26	0.02	-.68m	-.33m
Browns Valley	60	4	31.3	-0.1	0.15	-0.11	-1.16m	-.53m
Canby	59	6	34	1.2	0	-0.38	-1.57	-0.9
Montevideo	56	3	31.4	-0.3	0	-0.41	-1.61	-1.03
Morris	59	5	31.2	0.8	0.05	-0.2	-1.24	-0.68
Wheaton	66	6	31.4	1	0.04	-0.23	-1.02	-0.62
CENTRAL DISTRICT								
Becker	55	9	32.2	-0.2	0.17	-0.23	-0.95	-0.28
Collegeville	52	6	34	0.9	0.18	-0.22	-1.58	-0.88
Hutchinson	55	8	31.5	-1	0.05	-0.28	-0.57	-0.07
Melrose	57	7	30.2	0.6	0.15	-0.15	-1.04	-0.71
Olivia	58	5	31.1	-0.9	0.2	-0.13	-1.06	-0.46
St. Cloud	53	6	32.1	0.8	0.18	-0.15	-1.03	-0.35
Wadena	M	M	M	M	M	M	-1.16m	M
Willmar	56	5	30.8	-1.4	0.06	-0.29	-1.23	-0.68
EAST CENTRAL DISTRICT								
Aitkin	51	9	31.4	1.3	0.15	-0.22	-1.14	-0.87
Forest Lake	58	9	34.4	1.1	0.12	-0.32	-1.01	-0.47
MSP Airport	56	12	36.6	2.1	0.11	-0.31	-1.21	-0.58
Mora	53	11	33.3	2.1	0.17	-0.22	-0.54	-0.37
St. Paul - UofM	55	11	33.2	-0.1	0.07	-0.37	-1.29	-0.68
SOUTH WEST DISTRICT								
Lamberton	58	4	33.4	0.8	0.04	-0.28	-0.83	-0.36
Marshall	58	7	34.2	1.4	0	-0.36	-0.87	-0.41
Pipestone	58	0	31.2	-0.6	0.03	-0.32	-0.83	-0.42
Redwood Falls	59	7	36	3	0.03	-0.32	-1.04m	-.41m
Sioux Falls	60	3	35.6	2.2	0.02	-0.31	-0.77	-0.43
SOUTH CENTRAL DISTRICT								
Worthington	55	3	31.8	-1	0.02	-0.32	-1.04	-0.59
North Mankato	57	2	32.2	-2.1	0.05	-0.42	-1.54	-0.88
Owatonna	61	8	33.8	0.2	0.07	-0.35	-0.73	-0.04
Waseca	56	6	32.8	-0.8	0.07	-0.45	-1.42	-0.63
Winnebago	58	5	32.8	-1.5	0.09	-0.33	-1.11	-0.38
Cannon Falls	M	M	M	M	M	M	-1.74m	-1.12m
SOUTH EAST DISTRICT								
La Crosse	61	16	38.6	1.8	0.33	-0.16	-0.11	0.46
Preston	58	11	32.7	-2.1	0.19	-0.34	-0.23	0.44
Red Wing	55	13	34.1	-0.7	0.17	-0.27	-0.86	-0.35
Rochester	56	7	33.6	-1.1	0.33	-0.13	-0.2	0.5
Rosemount	55	10	33.2	0.1	0.17	-0.34	-1.68	-0.91
Winona Dam	60	14	35.8	-0.1	0.21	-0.31	-0.67	-0.04

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu